

1,374,495.

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UNITED STATES PATENT OFFICE.

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CLOTHES-RACK ATTACHMENT FOR BOILERS.

1,374,495.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, EMIL E. ETAN, a citizen of the United States, residing at Bozeman, in the county of Gallatin and State of Montana, have invented certain new and useful Improvements in Clothes-Rack Attachments for Boilers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to new and useful improvements in clothes rack attachments for boilers and has for its primary object the provision of means whereby clothes may be suspended about a boiler so that they will readily dry from the heat radiating from said boiler.

Another object of this invention is the provision of an attaching member capable of double adjustment so that the device may be applied to boilers of various sizes and which may be readily detached or removed from the boiler when desired.

A further object of this invention is the provision of means for adjustably securing clothes supporting arms to said attaching member, so that the distance between the suspended clothes may be varied and said means also being capable of permitting the arms to be positioned downwardly or parallel with the boiler when not in use, so that the device will not obstruct or take up a large space when unemployed.

A still further object of this invention is the provision of a clothes rack attachment for boilers of the above stated character, which shall be simple, durable and efficient, and which may be manufactured and sold at a comparatively low cost.

With these and other objects in view as will become more apparent as the description proceeds, the invention consists in certain novel features of construction, combination, and arrangement of parts as will be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawing, in which:—

Figure 1 is a side elevation of a boiler illustrating a clothes rack attachment applied thereto and constructed in accordance with my invention,

Fig. 2 is a plan view illustrating the attaching member,

Fig. 3 is a fragmentary sectional view illustrating the double adjustment of the attaching member,

Fig. 4 is a perspective view illustrating an arm attaching clip with an arm applied thereto,

Fig. 5 is a sectional view of the clip.

Referring in detail to the drawing, the numeral 1 indicates an attaching band or member of the split type and is shaped to conform to the contour of a boiler 2. One end of the band 1 is bent at right angles to form an ear 3 provided with an opening to receive a bolt 4 that extends through an ear 5 formed on a plate 6. The plate 6 is curved to conform to the contour of the band or attaching member 1 and overlies the free end thereof. The plate 6 has formed on its end a right angled tongue 7 adapted to extend through any one of a plurality of slots 8 formed in the band or attaching member 1 so that when the ears 5 and 3 are secured together by the bolt 4 which is provided with a nut 9, the band or attaching member will be firmly and tightly secured about the boiler 2. The bolt 4 extending through the ears 3 and 5 provides one adjustment to the band or attaching member, while the tongue 7 of the plate 6 and the slots 8 provide another adjustment thereto.

A plurality of arm attaching clips 10 are adjustably mounted on the band or attaching member 1 and each carries a clothes supporting arm 11 over which clothing may be draped or suspended so that the heat radiating from the boiler will quickly and thoroughly dry said clothes.

Each of the clips 10 is constructed from a single length of material which is first bent into substantially U-shape forming spaced arms 12 and a bight portion 13. The material after being bent to form the arms 12 is bent rearwardly upon said arms and parallel with the bight portion 13 to form ears 14 that engage the inner face of the band or attaching member 1 and cooperate with the bight portion 13 in slidably securing the clips to said band or supporting member. The arms 12 are provided with slots to receive the right angled portion 15 of the clothes supporting arm 11 and which has formed thereon a head 16 to prevent said right angled portion from moving

downwardly through said slots. The upper face of the uppermost arm of the clip is bent to form spaced flanges 17 that communicate or lead from the slots therein and
5 lie on each side of the arm 11 so as to prevent said arm from swinging laterally in relation to the clip when in a horizontal position thereby preventing clothes supported by a series of arms from contacting with
10 each other. The slots in the arms 12 will permit the arms 11 to be swung downwardly parallel with the boiler 2 and with their right angled portions 15 disposed horizontally, thereby reducing the space which the
15 device will consume when in non-clothes supporting position.

From the foregoing description taken in connection with the accompanying drawings, it will be noted that a device has been
20 provided which can be easily and conveniently applied to a boiler and also is capable of being applied to boilers of different sizes. Further, it is to be noted that the arms can be moved and supported rigidly
25 in a horizontal position and may be when desired swung to a position parallel with the boiler, also that the arms may be moved in relation to each other to permit free cir-

culatation between the clothes supported by said arms. 30

While I have shown and described the preferred embodiment of my invention, it will be understood that minor changes in construction, combination, and arrangement of parts may be made without departing 35 from the spirit and scope of the invention as claimed.

Having thus described my invention, what I claim is:—

A clothes rack attachment comprising a 40 band secured about a boiler, a plurality of clips adjustably secured to the band and each consisting of a single length of metal bent into substantially U-shape formation having its bight portion disposed against 45 the band and having its arms slotted and bent upon themselves and parallel with the bight portion to form ears adapted to engage the inner face of the band, and clothes supporting arms extending through the slots. 50

In testimony whereof I affix my signature in presence of two witnesses.

EMIL E. ETAN.

Witnesses:

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